

## **MANAGEMENT OF VIRTUAL AND PHYSICAL NETWORK INVENTORIES**

### **ABSTRACT OF THE DISCLOSURE**

[95] A method for managing a network element inventory for a video and data network is provided. The method includes self-discovering a physical network inventory of the video and data network. Additionally, a logical network inventory of the video and data network is self-discovered. Further, a planned network inventory of the video and data network is provided. Once the planned, logical, and physical network inventories are collected, the physical network inventory, logical network inventory, and planned network inventory are loaded into the network element inventory. After loading, synchronization of the physical network inventory, logical network inventory, and planned network inventory in the network element inventory is performed. A view is then provided using the synchronized physical network inventory, logical network inventory, and planned network inventory when a request for the view of the network element inventory is received.

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